Public Health Reports

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UNITED STATES.

[Reports to the Supervising Surgeon-General United States Marine-Hospital Service.]

Smallpox in Alabama.

MOBILE, ALA., February 17, 1898.

SIR: I have the honor to refer to my letter of December 22, 1897, in relation to smallpox in southwest Alabama, and to report further that there are now about 10 cases at Jackson, and cases at Glendon, Walker Springs, Nichola, Carneys Bluff, Salitpa, and Gosport. I think these places are all in Clarke County.

The State health officer will institute measures for the suppression of

the disease.

Judging from newspaper reports the disease is pretty well distributed over Alabama. Thus far no cases have been reported in the city or county of Mobile.

I have been proffering free vaccination to all seamen for past six weeks.

I am, very respectfully, your obedient servant,

R. D. MURRAY, Surgeon, U. S. M. H. S.

BIRMINGHAM, ALA., February 19, 1898.

SIR: I have the honor to give below a table which will show the present status of the smallpox epidemic in this locality:

Cases of smallpox occurring by the week.

Di			Week e	ended-		
Places.	Jan 15.	Jan. 22.	Jan, 29.	Feb. 5.	Feb. 12.	Feb. 19.
Birmingham Bessemer Other points in Jefferson County	12 32 26	14 29 10	9 16 3	3 9 6	2 8 a 17	8
Total	70	63	28	18	27	10
				Week e	ended-	
Place,			Jan. 25.	Feb. 1.	Feb. 8.	Feb. 15.

a Two wandered in from Mississippi. b One wandered in from Montgomery, Ala, c One of these two cases occurred in suspect camp. d This case occurred in suspect camp. e This case occurred in person of a guard at pesthouse.

16

No cases having occurred in Talladega since January 30, the epidemic there may be said to be at an end, until the town is reinfected.

From the first of the above table it will be seen that in Birmingham and Bessemer, where, under city ordinance, vaccination can be enforced, the decrease in the weekly number of cases has been steady. In the county, however, in some of the smaller towns and mining camps, vaccination is optional, it is opposed by the people, and, for the reasons stated in my letter of February 7, cases of smallpox, I believe, will continue to appear for some time to come. The force of inspectors has been reduced to about 20 men, and owing to the growing opposition on the part of the people, they are accomplishing but little; therefore, if it meets with the approval of the Bureau, I will discontinue these as soon as the inspection now being made is completed, and unless something unforeseen should happen, I will discontinue operations about March 1.

As stated in previous communications, the population of the mining camps, with which this and adjoining counties are dotted, is a very shifting one. Unvaccinated laborers are continually coming in, furnishing material to keep the disease alive, and in many cases bringing infection with them, so that, in my opinion, unless work is undertaken throughout the South, it is almost a hopeless task to attempt to stamp it out entirely and permanently, either here or in any other locality.

I have urged the mine owners to have all new labor vaccinated by their mine physicians, and though they promise to do this, the rule is in most cases a dead letter.

Respectfully, yours,

G. M. MAGRUDER, Passed Assistant Surgeon, U. S. M. H. S.

Precautions against the spread of smallpox in Brownsville.

BROWNSVILLE, TEX., February 12, 1898.

SIR: In my communication to you of the 7th instant, I reported the discovery in this city of 1 case of smallpox. So far no other cases have occurred. In addition to other precautions taken by the municipal authorities to prevent a spread of the disease, I would mention the vaccination of the pupils of the public schools. I was ordered to do this by the city council, and have this day completed the work. Over 500 subjects have been vaccinated. This work is still continued amongst the indigent poor, who have not taken this precaution.

Respectfully, FREDERICK J. COMBE,

Acting Assistant Surgeon, U. S. M. H. S.

Smallpox in Johnson City, Tenn.

JOHNSON CITY, TENN., February 16, 1898.

SIR: Since my last report 3 new cases have developed in quarantine and 1 woman out of quarantine in a third part of city. Last case was caused by carelessness of guards or insufficient guards. * * *

We have 9 cases of discrete smallpox in pesthouse and 50 exposed persons in quarantine. Our quarantine is rigid now, and I feel sure the local board will not allow another accident like the above.

I am, very truly, yours,

W. J. MILLER.

JOHNSON CITY, TENN., February 19, 1898.

SIR: I am glad to report no new cases of smallpox here for last two days; 9 cases in pesthouse, 4 convalescent; rest in good condition, and

will recover without some unforseen complication; 10 cases in all here up to date; 44 people in quarantine. All have been vaccinated, and all now have a good catch from it. I inclose orders and regulations of county board of health, of Washington County, Tenn.

Thanks for copy of Public Health Reports, of February 4 and 11, 1898. Will keep you informed as to condition of smallpox in our town.

I am, yours, very truly, W. J. MILLER.
P. S.—One death, woman, negro, died after premature delivery in pesthouse.

[Inclosure.]

Proclamation.

WHEREAS, The county board of health for Washington County has been directed by the State board of health to at once adopt and carry into effect such rules and regulations as may be necessary for the restriction and suppression of smallpox now existing in Johnson City, and

WHEREAS, It is the duty, by statute, for the board of health for Washington County to assume the management and control of any contagious or epidemic disease within

the limits of the county;

Therefore, The following orders and rules are hereby issued by the board of health for Washington County:

I.

1. The physician in charge of the pesthouse and quarantine stations will be, and he is hereby, restricted from all other practice, and from mixing and mingling with the public, upon the streets and in the stores in Johnson City, any more than is really necessary in the discharge of his duties as smallpox physician.

He will be required to keep a record of the number of cases in the pesthouse, their condition, and the number of people in quarantine, and make report of same to the county board from day to day.

3. When the physician discovers a case of smallpox in quarantine, or elsewhere, he must remove same to the pesthouse, under his supervision and direction, between the hours of 8 p. m. and 6 a. m.

II.

1. All guards are under the control and direction of the county sheriff and his deputies by order of the county board of health, and they are restricted from entering stores, appearing in public places, going to the post office and saloons, and from passing along the public business streets of Johnson City. And they are, by order of said board, to be held under surveillance of the board, at its discretion, for fourteen days after the time of their discharge.

The driver of the pesthouse wagon is under the control of the physician and the same restrictions apply to him as apply to the physician.

III

1. The board of health for Washington County further orders that the people be restricted from congregating in the churches and public halls in Johnson City until further orders from the board.

2. All schools in Johnson City are ordered suspended until further orders.

IV.

1. It is ordered that all the people in Johnson City submit to vaccination, and have it done at the earliest possible moment, by a competent physician. All regular physicians of Johnson City are authorized by this board to correctly keep the names of all the people vaccinated, and make report to the county board when so required.

2. All paupers, when the fact is established that they are paupers, will be vaccinated at the expense of the county, the county board to fix the price for such vaccination with the physicians.

V

The sheriff and his deputies, by order of the Board, have, in conjunction with the city police, control of the streets and public thoroughfares in Johnson City, and they are hereby authorized and directed by the board to prevent idlers from loitering on any of the public streets, about saloons, along the railroad track, and especially in and about the depots in Johnson City; and to prevent people from congregating at the depots upon the arrival and departure of trains, unless there for the purpose of taking the train or to receive friends; and to keep all pedestrians moving.

VI.

All dogs and cats found running at large will be killed.

VII

A health certificate bearing the seal of the city and recorder's signature will be valid. Penalty.—All persons violating the above rules and orders of the board of health, which are for the prevention, restriction, and extinction of the smallpox now existing, and shall fail to comply with said rules and orders, after written notice pertaining thereto shall have been served upon him or her, shall, by statute, be guilty of a misdemeanor, and, upon conviction thereof, shall be fined or confined in the county jail, at the discretion of the court.

J. S. Stuart,

CHAS. S. MASON,
Board of Health for Washington County.

Smallpox in the United States as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to February 25, 1898.

Places.	Date.	Cases.	Deaths.	Remarks.
Alabama:				
Bessemer	To Jan. 6	42		
Dessemer	Jan. 9-Jan. 26	78		

Diam'r de la com	Jan 80-Feb. 19		*************	
Birmingham	Jan. 6-Jan. 8	11	***************************************	
	Jan. 9-Jan. 26	29	************	
	Jan. 30-Feb. 19	7	***************************************	
In Jefferson county, outside				
of the city	Feb. 6-Feb. 19	26		
Carneys Biuff	Feb. 17	***************************************	***************************************	Smallpox reported,
Dolomite	Dec. 1-Jan. 17			
Gosport	Feb. 17			Do.
Glendon	Feb. 17			Do.
Jackson	Feb. 17	- 10		
Newton	Jan. 15-Feb. 2	7	************	
Nichola	Feb. 17	************		Do.
Oxmar	Jan. 19	**********	***********	Do.
Pinckard	To Feb. 2	50		
Salitpa	Feb. 17			Do.
Selma	Jan. 13-Feb. 14	3		100.
Shelby	Jan. 28			
Talladega	Jan. 9-Jan. 26	41		
I minate garante	Jan. 27-Feb. 15	4		
Walker Springs	Feb. 17			D-
District of Columbia:	res. 11	***********	******	Do.
	Feb. 7			** *** ***
Washington	Feb. 7	1	*******	Naval Hospital.
Florida:	I 04	10		
Washington County	Jan. 24	12	***********	
Georgia:	1 10	101		
Atlanta	Jan. 17	131	************	Most cases from county
	Jan. 18-Jan. 25		1	
	Jan. 26-Feb. 16	29	1	
Kentucky:				
Middlesborough	Feb. 3	7		
New York:				
Deposit	Nov. 1-Nov. 30	1	************	
North Carolina:				
Charlotte	Jan. 25	2		
	Jan. 26-Feb. 12	2	***********	
Clay County	Feb. 15	1	************	
Wilmington	Jan. 12	1	***************************************	
South Carolina:			*************	
Beaufort	Jan. 17.			Smallpox reported.
Greenville	Jan. 17	***************************************	************	Do.
Orangeburg	Jan. 17			Do.
Rock Hill	Jan. 17	**********	***********	
Spartanburg	Jan. 17	***********	**********	Do.
	Jan. 15	**********	***********	Do.
Swansea Tennessee:	Jan. 15		***********	Do.
	I 1 I 00			
Chattanooga	Jan. 1-Jan. 29	1	***********	
Huntington (near)	Jan. 1-Jan. 29	1	*********	
Johnson City			************	
Knoxville			************	
Lenoir City		2	*********	
Memphis	Jan. 22-Jan. 29	1	********	
	Jan. 30-Feb. 10	1	*******	
Mingo mines	Jan. 1-Jan. 29	6	*** *********	
Texas:				
Brownsville	Feb. 7	1		
Virginia:				
Colburn	Feb. 1			Do.
Norton	Feb. 1		***************************************	Do.
			************	DO.

Report of immigration at Boston for the week ended February 19, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Boston, February 20, 1898.

Number of alien immigrants who arrived at this port during the week ended February 19, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants.
Feb. 13 Do Feb. 15 Feb. 16 Do Feb. 17 Do Feb. 18 Do Feb. 19	Steamship Boston	Yarmouth, Nova Scotia Liverpool, England	30 1 20 2 1 1 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1 3 1
	Total	***************************************	287

GEORGE B. BILLINGS, Commissioner.

Report of immigration at New York for the week ended February 19, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of New York, February 21, 1898.

Number of alien immigrants who arrived at this port during the week ended February 19, 1898; also names of vessels and ports from which they came.

Date.	Vessel.	Where from.	No. of immigrants,
Feb. 13 Do Feb. 14 Do Feb. 15 Do Feb. 17 Do Feb. 18	Steamship Etruria Steamship State of Nebraska Steamship Chateau Lafite Steamship Arabia Steamship La Normandie Steamship Island Steamship Berlin Steamship Majestic Steamship Fulda Steamship Lahn Steamship Fulda Steamship Fulda Steamship Furssia Steamship Prussia	Liverpool and Queenstown Glasgow Bordeaux Hamburg Havre Copenhagen Antwerp Liverpool and Queenstown Genoa, Naples, etc Bremen Hamburg Bremen	6 70 131 34 112 143 322 188
	Total	***************************************	1,528

THOMAS FITCHIE, Commissioner. Report of immigration at Philadelphia for the week ended February 19, 1898.

OFFICE OF U. S. COMMISSIONER OF IMMIGRATION, Port of Philadelphia, February 19, 1898.

Number of alien immigrants who arrived at this port during the two weeks ended February 19, 1898; also names of vessels and ports from which they arrived.

Date.	Vessel.	Where from.	No. of immigrants.
Feb. 6 Feb. 7 Feb. 15 Feb. 18	Steamship SiberianSteamship WaeslandSteamship RhynlandSteamship Bohemia	do	2 40 52 65
	Total		159

JNO. J. S. RODGERS, Commissioner.

QUARANTINE REPORTS.

National quarantine and inspection stations.

[Vessels named only when detained or given treatment at quarantine.]

Vessels inspected and passed.	No transactions	No transactions 3	No transactions	nnese ss. u. passed 16	passed 20	No report
Remarks.	No transactions	No transaction do	No transactions	ed for Japanese ss. Riojun Maru. I spoken and passed	2 boarded and passed	
Date of depar- ture.	0 1 0 1 0 1 0 1 0 0 0 0 0 0 0 0 0 0 0 0	* * * * * * * * * * * * * * * * * * *		* H * C * C * C * C * C * C * C * C * C	9 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
Treatment of vessel, passengers, and cargo.	No transactions	No transactions 3			Feb. 12	Feb. 19
Destination.						
Port of departure.				电电子电电路 医电路 医电路 医电路 医电路 医电路 医电路 医电路 医电路 医电路		
Date of arrival.			在 医	9 6 7 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7	1 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	
Name of vessel.	Feb. 19					
Week ended.	Feb. 19 do do Feb. 12	Feb. 19 Feb. 9 Feb. 16 Feb. 12	Feb. 19 Feb. 12	19	Feb. 12 do	Feb. 19
Name of station.	water	Guarantine, Del. Eureka, Cal	Island, Miss. Newbern, N. C. Port Townsend, Wash	Reedy Island Quaran- Feb.	Cal	

a Previously reported.

State and municipal quarantine stations.

[Vessels named only when detained or given treatment at quarantine.]

Name of station.	Week ended.	Name of vessel.	Date of arrival.	Port of departure.	Destination.	Treatment of vessel, passengers, and cargo.	Date of depar- ture.	Remarks.	Vessels inspected and passed.
achicola, Fla	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2	# # # # # # # # # # # # # # # # # # #	Anclote, Fla No report.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	No reportdo	
Roston, Mass Carrabelle, Fla Feb	Feb. 12	Boston, Mass. Carrabelle, Fla Feb. 12 Nor. bk. Flora Feb. 11 Para Apalachicola. Nor. bk. Jafnhardodo	Feb. 11	Parado	Para Apalachicolado do do	Nor. bk. Flora Feb. 11 Para Apalachicola. Remanded to Pensucola or Ship Island Quarantine at captain's discretion Nor. bk. Jafnhardodododo	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	2 men died in Para of yellow fever and there were several other cases among the crew. I man died in Para of	10
Charleston, S. C					# # # # # # # # # # # # # # # # # # #		* 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	yellow fever and there were other cases among the crew.	
Galveston, Tex.	Feb. 18	Elizabeh Kiyor, va. Feb. 19 Galveton, Tex. Gardiner, Oreg.					* * * * * * * * * * * * * * * * * * *		
Gloucester, Mass. Key West, Monroe Co., Fia.	Feb. 19		*		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			ор	=
Mayport, Fla. Mobile Bay, Ala. New Bedford, Mass. New Orleage.	Feb. 12							No report	
Newport News, Va. Newport, R. I. New York, N. V.	Feb. 19			0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					
Port Royal, S. C. Providence, R. I. St. Helena Entrance, S. C.	Feb. 19								
Savannah, Ga	Feb. 12 Feb. 19	Nor. bk. King Oscar II. Nor. bk. Eliezer	Feb. 17 Feb. 18		Savannahdo		D		I to

Reports of States and monthly and yearly reports of cities.

CALIFORNIA—San Francisco.—Month of January, 1898. Estimated population, 360,000. Total deaths, 650, including phthisis pulmonalis, 98; enteric fever, 4; scarlet fever, 3; leprosy, 1; diphtheria, 15, and croup, 7.

Los Angeles.—Month of January, 1898. Estimated population, 103,000. Total deaths, 128, including phthisis pulmonalis, 23; enteric fever, 5, and diphtheria, 1.

Oakland.—Month of January, 1898. Estimated population, 75,000. Total deaths, 75, including phthisis pulmonalis, 12; eroup, 1, and diphtheria, 3.

CONNECTICUT.—Month of January, 1898. Reports to the State board of health from 168 towns, having an aggregate population of 883,192, show a total of 1,571 deaths, including phthisis pulmonalis, 139; enteric fever, 16; diphtheria and croup, 37; scarlet fever, 3; measles, 9, and whooping cough, 7.

ILLINOIS—Chicago.—Month of January, 1898. Estimated population, 1,750,000. Total deaths, 1,835, including phthisis pulmonalis, 202; enteric fever, 29; scarlet fever, 4; diphtheria, 68; measles, 4, and whooping cough, 13.

Iowa—Cedar Rapids.—Month of December, 1897. Estimated population, 21,555. Total deaths, 6. No deaths from contagious diseases.

Month of January, 1898. Total deaths, 10. No deaths from contagious diseases.

Davenport.—Month of December, 1897. Estimated population, 35,000. Total deaths, 38, including phthisis pulmonalis, 3; measles, 1, and enteric fever, 2.

Des Moines.—Month of January, 1898. Estimated population, 82, 600. Total deaths, 46, including diphtheria, 2; phthisis pulmonalis, 5; enteric fever, 1, and whooping cough, 1.

Dubuque.—Month of December, 1897. Estimated population, 40,000. Total deaths, 32, including diphtheria, 3; phthisis pulmonalis, 3; scarlet fever, 1, and enteric fever, 2.

Keokuk.—Month of December, 1897. Estimated population, 19,305. Total deaths, 15, including phthisis pulmonalis, 1, and diphtheria, 4.

Ottumwa.—Month of December, 1897. Estimated population, 14,001. Total deaths, 17, including enteric fever, 1, phthisis pulmonalis, 1, and diphtheria, 1.

MARYLAND—Baltimore.—Month of January, 1898. Estimated population, white, 431,054; colored, 75,344; total, 506,398. Deaths, white, 533; colored, 163; total, 696, including phthisis pulmonalis, 93; enteric fever, 12; scarlet fever, 2; diphtheria, 30; croup, 2; measles, 1, and whooping cough, 5.

MASSACHUSETTS—Brockton.—Month of January, 1898. Estimated population, 35,853. Total deaths, 44, including 7 from phthisis pulmonalis.

North Attleboro.—Month of December, 1897. Estimated population, 6,727. Total deaths, 7, including 1 from phthisis pulmonalis.

Month of January, 1898. Total deaths, 10, including phthisis pulmonalis, 3, and enteric fever, 1.

MICHIGAN.—Week ended February 12, 1898. Reports to the State board of health, Lansing, from 62 observers indicate that erysipelas, pleuritis, and inflammation of kidney increased in area of prevalence. Phthisis pulmonalis was reported present during the month at 88, measles at 44, diphtheria at 26, scarlet fever at 36, enteric fever at 24, and whooping cough at 8 places.

Grand Rapids.—Month of January, 1898. Estimated population, 90,000. Total deaths, 80, including phthisis pulmonalis, 10; enteric fever, 2, and diphtheria, 1.

MINNESOTA—*Minneapolis*.—Month of January, 1898. Estimated population, 225,662. Total deaths, 175, including phthisis pulmonalis, 23; enteric fever, 7; diphtheria, 1, and measles, 2.

St. Paul.—Month of January, 1898. Estimated population, 215,582. Total deaths, 140, including phthisis pulmonalis, 16; enteric fever, 7; scarlet fever, 1, and diphtheria, 2.

NEW YORK—Auburn.—Month of January, 1898. Estimated population, 30,000. Total deaths, 35, including 2 from phthisis pulmonalis.

Buffalo.—Month of January, 1898. Estimated population, 360,000. Total deaths, 313, including phthisis pulmonalis, 30; enteric fever, 4, and diphtheria and croup, 19.

OHIO—Columbus.—Month of January, 1898. Estimated population, 135,000. Total deaths, 131, including phthisis pulmonalis, 22; enteric fever, 2, and diphtheria, 2.

TENNESSEE—Memphis.—Month of January, 1898. Estimated population, white, 31,430; colored, 30,317; total, 61,747. Deaths, white, 61; colored, 62; total, 123, including phthisis pulmonalis, 16; enteric fever, 1, and measles, 1.

UTAH—Salt Lake City.—Month of January, 1898. Estimated population, 46,000. Total deaths, 56, including phthisis pulmonalis, 6; enteric fever, 2, and scarlet fever, 2.

VIRGINIA—Richmond.—Month of January, 1898. Estimated population, white, 58,100; colored, 48,500; total, 106,600. Deaths, white, 64; colored, 58; total, 122, including phthisis pulmonalis, 18; enteric fever, 2; scarlet fever, 1, and diphtheria, 2.

Washington—Seattle.—Month of January, 1898. Estimated population, 70,000. Total deaths, 49, including phthisis pulmonalis, 6; enteric fever, 3, and diphtheria, 1.

MORTALITY TABLE, CITIES OF THE UNITED STATES.

		. S	from .				1	Deat	hs f	rom-	-			
Cities.	Week ended.	Population, U. Census of 1890.	Total deaths f	Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping
Allegheny, Pa	Feb. 19	105, 287	39	5		*****					2	1		
Baltimore, Md	do	434, 439	196	27	*****	*****		*****	*****		2	9	1	1
Binghamton, N. Y Boston, Mass	do	35,005	13	17	*****	*****	*****	*****	*****	*****	******			*****
Braddock, Pa		448, 477 8, 561	180	17		*****					1	2	1	
Do	Feb. 5 Feb. 12	8, 561	3		*****	*****	******	******		*****	*****			
Bristol, R. I	do	5, 478	1											
Brockton, Mass	Feb. 19	5, 478	11	1	*****	*****	*****	*****	*****	*****	****	*****	*****	****
Brownsville, Tex	Feb. 12 Feb. 5	27, 294 6, 134	5			*****								
Do	Feb. 12	6, 134	2	2	*****	*****	*****	*****	*****	*****	*****	******	******	*****
Butler, Pa	Feb. 19	8,734	2	****	*****	*****	*****	*****		*****		*****		
Cambridge, Mass	do	70,028	28	4										
Charleston, S. C Do	Feb. 5 Feb. 12	a 54, 955 a 54, 955	b 27 c 26		*****	*****	*****	*****	****	0	*****			
Chicago, Ill	do	1,099,850	455	49		******				9	******	15	*****	
Cincinnati, Ohio Cleveland, Ohio	Feb. 18 Feb. 19	296, 908	86	15				*****		3	*****	1		
Cleveland, Ohio	Feb. 19	261, 353 6, 719	94	5	*****	*****	*****	*****		*****	1	2	*****	
Columbus, Ind Concord, N. H	do	17,044	5 5	2	*****	*****	*****	*****	*****	1	*****		*****	****
Dayton, Ohio	Feb. 18	61, 220	25	1								*****		
Dayton, Ohio Detroit, Mich	Feb. 19	205, 876	76	8	*****						35		*****	*****
Fall River, Mass,	do	74, 398 22, 037	55	5	*****		*****	*****				2	*****	*****
Fitchburg, Mass	Feb. 12		5	1 3	*****	*****	*****	*****	*****	*****	*****	*****		*****
Flint, Mich Grand Rapids, Mich	Feb. 19 Feb. 12	9, 803 60, 278	17	9		*****								****
Do	Feb 10	60, 278	9		******	*****	*****	*****		*****	*****	*****	*****	*****
Green Bay, Wis Haverhill, Mass Hoboken, N. J	Feb. 12	9,069	4			*****	*****			*****				*****
Haverhill, Mass	Feb. 19	27, 412	13			*****							1	1
Indianapolis, Ind	Feb. 12	43, 648 105, 436	23 28	*****	*****	*****	*****	*****	*****		******	2	*****	*****
Ironton, Ohio	Feb. 19	10, 939	20	*****	*****	*****	*****	*****	******	2	1	*****	*****	****
Johnstown, Pa	do	10, 939 21, 805	8	*****										*****
Kalamazoo, Mich	Feb. 12	17,853	4			****		*****	*****		2			****
Lancaster, Pa	Feb. 19	17, 853	5 18	1	*****	*****	*****	*****	*****			*****	4	****
Lawrence, Mass	Feb. 12 Feb. 19	32,011 44,654	19		*****		*****	*****	*****	1	****	1	*****	****
Lowell, Mass,	do	77, 696	38	4	******	*****	******	******	*****	1			*****	*****
Lynchburg, Va	do	19,709	8	2	*****			*****			*****	*****		*****
McKeesport, Pa	Feb. 12	20,741	12	*****		*****								****
Manchester, N. H	Feb. 19	20, 741 44, 126	6 27	3		******								****
Massillon, Ohio	Feb. 12	10, 092	4			*****								****
Medford, Mass	Feb. 19	11,079	2	*****	*****	*****	*** ***				*****	*****		
Melrose, Mass Middletown, N. Y	Feb. 12	8,519	3	1		*****			*****			*****	****	*****
Middletown, Ohio	Feb. 15 Jan. 8	11,977	8			*****								****
Do	Jan. 15	7,681 7,681	2			******								
Do	Jan. 22	7,681	4		*****				*****	*****		*****		*****
Do	Jan. 29	7,681	2			*****								
Do	Feb. 5 Feb. 12	7,681	1 2	**: ***	*****	*****	****	*****		****		*****	*****	*****
Minneapolis, Minn	do	7, 681 164, 738	58	2	*****		*****	*****	*****	1	*****	******	1	*****
Mobile, Ala	do	31,076	11	3	*****	*****			*****		******	*****		
Nashville, Tenn	Feb. 19	76, 168	********	5		*****	*****		*****			*****		
New Bedford, Mass Newburyport, Mass	Feb. 12	40, 733 13, 947	28 5	6	*****		*****	*****	*****	*****	1		*****	****
New Orleans, La.	do	242, 039	127								******	1	*****	*****
New Orleans, La New York, N. Y	Feb. 19	1, 515, 301	152		****	*****	*****	*****	*****	2	12	20	16	
Norristown, Pa	do	19, 791	4	*****					*****		*****	*****	*****	
North Adams, Mass	Fob 12	16, 074 140, 452	4	*****	*****	*****	*****	*****		*****	*****	1		****
Omaha, Nebr	Feb. 12 Feb. 19	6, 272	17	*****	* ****	*****		*****	*****	*****		*****		
Oneonta, N. Y Orange, N. J Palmer, Mass	do	18, 844	8	1	******	*****	*****	******	*****	*****	1	*****		
Palmer, Mass	do	6,520	1	*****			******		*****			*****		*****
Petersburg, Va Philadelphia, Pa	Feb. 20	22, 680 1, 046, 964	4	*****	*****	*****	*****		*****		*****			*****
PILLSDUTG PA	do	238, 617	506 127	71	*****	*****	*****	*****	*****	21	2	27	9 2	2
Plainfield, N. J Portland, Me	Feb. 19	11, 267	5	2	******	*****	*****	*****	*****	0	*****		2	2
		36, 425	26	3		*****			*****		*****	*****		****

 $[\]alpha$ Estimated population, white, 28,870; colored, 36,295. Total, 65,165. b White, 2; colored, 25, c White, 7; colored, 19.

MORTALITY TABLE, CITIES OF THE UNITED STATES-Continued.

					. S.	from				1	Deat	hs fi	rom-	-			
Cities.	Week ended.	Population, U Census of 186	Total deaths f	Phthisis pul- monalis.	Yellow fever.	Smallpox.	Varioloid.	Cholera.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping cough.			
Pottstown, Pa	Ian 28	13, 284	5	1													
Do		13, 284	1														
Do		13, 284	8														
Poughkeepsie, N. Y		22, 206	10	9									******				
Do		22, 206	6	-													
Providence, R.I		132, 146	42														
Pueblo, Colo		24, 558	13			******							*****				
Reading, Pa 1		58, 661	18										******				
St. Louis, Mo		451, 770	172														
Salt Lake City, Utah		44, 843	18			*****											
San Diego, Cal I		16, 159	5			******							******				
San Francisco, Cal I		298, 997	127	24		******							******	*****			
Santa Barbara, Cal		5, 864	3	-									******				
Scranton, Pa		75, 215	35														
Spokane, Wash	Feb. 19	19, 922	5									-	*****	*****			
Springfield, Ill	Feb. 10	24, 963	8	1									******	*****			
Taunton, Mass	do. 19	25, 448	4														
Urbana, Ohio	do	6,510	i								*****	*****		*****			
Virginia City, Nev 1	Peb 19	8, 511	2										******				
Waltham, Mass	Peb 10	18, 707	4											*****			
Warren, Ohio		5, 973	i											*****			
Do		5, 973	21							1			*****	*****			
Washington, D. C		230, 392	106	7		*****					-	1	1	3			
Wilmington, Del		61, 431	26	4		*****					-	- 2	-	-			
Winona, Minn		18, 208	6			*****							*****				
Worcester, Mass	Pob 11	84, 655	32	2	*****												
TOTOGSTOF, MIRSS	CO. II.	01,000	02	-	*****	*****	*****	*****	*****	*****	*****	*****	*****	*****			

Table of temperature and rainfall, week ended February 14, 1898. [Received from Department of Agriculture, Weather Bureau.]

Locality.	Tempe	erature in Fahrenhe	degrees it.	Rainfal	dredths	s and hun-
•	Normal.	aExcess.	aDefic'ncy	Normal.	Excess.	Deficienc
tlantic Coast:						
Eastport, Me	23	10		. 91		
Portland, Me	25	9	***********	. 91		
Northfield, Vt	16	15	*****************	.56		
Boston, Mass	29	11		. 85		
Vineyard Haven, Mass	33	7	********	. 84	***********	
Nantucket, Mass	80	7	**************	.70	**********	
Woods Hole, Mass	30	7	**********	. 91	***********	
Block Island, R. I	32	7	******************************	1.12	***********	
New Haven, Conn Albany, N. Y New York, N. Y	30 25	9	**************	1.05	**********	
Now York N V	32	11 10	***********	.70		
	32	9	***********	.98	***********	
Harrisburg, Pa	34	12	***********	.70 .84	***************************************	
Philadelphia, Pa New Brunswick, N. J. Atlantic City, N. J. Baltimore, Md.	32	9	***************************************	1.08	***************************************	
Atlantic City N .I	85	5	***************************************	.83	***********	1
Raltimore Md	37	7	***************************************	.84	************	1
Washington, D. C Lynchburg, Va Cape Henry, Va	36	8	*****************	.84		1
Lynchburg, Va	40	7	***************************************	. 91	************	
Cape Henry, Va	44	0		.84	************	
Norfolk, Va	43	4	*************	, 98	*************	
Charlotte, N. C	45	6	*****************	1.12	***********	1.
Raleigh, N. C	42	7	*************	.98		,
Norioik, va. Charlotte, N. C. Raleigh, N. C. Kittyhawk, N. C. Hatteras, N. C. Wilmington, N. C. Columbia, S. C. Charleston, S. C.	46	0	**************	.91	**********	
Hatteras, N. C	48 50			1.08	**************	
Wilmington, N. C	49	1	************	.77	*********	
Charleston, S. C	53	2	********	1.02	******	1.
Augusta, Ga	50	2 3		.84	***********	
Savannah, Ga	55	2	***************************************		**********	
Jacksonville, Fla	59	9	***************************************	.77	***************************************	:
Jupiter, Fla.	67	ī	************	.63	*****************	
Key West Fla	71		1	. 42	**************	
Atlanta, Ga	48	5		1.23	***********	1.
Tampa, Fla	66	0	************	. 68	************	
Pensacola, Fla	56	3		. 91	*****************	
Mobile, Ala	55 53	4	**************	1, 15	1.11	***************************************
Montgomery, Ala Vicksburg, Miss	52	3	************	1.33	1007	
New Orleans, La	58	13	*************	1.07	.28	**********
Shreveport, La	50	8		1.05	.28	*****************
Fort Smith, Ark	39	14		, 93	. 60	
Fort Smith, ArkLittle Rock, Ark	43	10		1.35		
Palestine, Tex	48	11		. 91	2.83	
Galveston, Tex	56	3		.77	. 96	***************************************
San Antonio, Tex	54	7		. 49	. 38	************
Corpus Christi, Tex	56	6		. 63	***********	
hio Valley and Tennessee :						
Memphis, Tenn Nashville, Tenn	44	12	************	1.33	***********	
Chattanoora Tana	42	9		1.33	*************	,
Chattanooga, Tenu	45 42	3 6		1.40	******	1.
Knoxville, Tenn	38	11		1.12	***********	1.
Indianapolis, Ind	32	12		.91	************	
Cincinnati, Ohio	36	12	***********	. 98	.03	
Columbus, Ohio	32	14	***************************************	. 98		,
Columbus, Ohio Parkersburg, W. Va	32	15	*************	.77	***** *******	
Pittsburg, Pa	34	13	*****************	.70	***********	
Oswego, N. Y Rochester, N. Y Buffalo, N. Y	25	12	***********	. 63	********	
Rochester, N. Y	25	17	************	.70	************	
Paie De	25	16	********	.70	.08	************
Cleveland Ohio	28	14	*************	.91	*******	
Cleveland, Ohio	28 29	16 16	*************	.70	*****	
Sandusky, Ohio Toledo, Ohio	29	18	**************	.76	***********	1
Detroit, Mich	26	13	*****************	.58	.01	
Lansing, Mich	25	13	**********	.49	.01	
Port Huron, Mich	23	14		. 62	************	:
Alpena, Mich	18	15	*****************	. 50	**********	
Sault Ste. Marie, Mich	14	17	*************	, 35	.27	
Marquette, Mich Green Bay, Wis	18	14		. 45		

a The figures in these columns represent the average daily departure.

Table of temperature and rainfall, week ended February 14, 1898-Continued.

Locality.	Temp	Fahrenh		Rainfa	ll in inche dredths	s and hun-
	Normal.	a Excess.	aDefic'ncy.	Normal	Excess.	Deficiency
Lake Region-Continued.						
Grand Haven, Mich	25	13		. 56		
Grand Haven, Mich Milwaukee, Wis	22	14	***************************************	. 15	.02	.0
Chicago, Ill Duluth, Wis	27	13	***************************************	.56	.13	***************
Duluth, Wis	14	12	***************************************	,28	.03	***************************************
Upper Mississippi Valley:	I .				.00	***************
St. Paul, Minn	14	18		. 21	. 64	
La Crosse, Wis	19	14		.28		.1
Dubuque, Iowa	22	14		. 35	***************************************	i.i
Davenport, Iowa	25	14		.38	***********	:0
Des Moines, Iowa	22	11		.30	.21	
Keokuk, Iowa	28	15	******************	. 42	***************************************	.0
Springfield, Ill	30	14	***************************************	. 89	********	.1
Cairo, Ill	39	12		1.01		.0
St. Louis, Mo	34	16	*****************	. 67	.12	
Missouri Valley:					1	
Columbia, Mo	33	13		.63	. 46	***************
Springfield, Mo		15		. 88	***************************************	.6
Kansas City, Mo	30	13		. 46	. 35	***************************************
Wichita, Kans	31	13	***************************************	. 28	2.76	***************************************
Concordia, Kans	27	11		. 21	*************	.0
Lincoln, Nebr	22	13	***************	. 21	.58	
Omaha, Nebr	23	10	*************	, 21	. 15	***********
Sioux City, Iowa	17	10	************	.14	.11	
Yankton, S. Dak	18	12	*************	. 17	. 51	
Valentine, Nebr Huron, S. Dak	23	14		.18	***********	.13
Huron, S. Dak	10	18	**************	. 14	.02	
Pierre, S. Dak	14	21	****************	.07	***********	.0
Moorhead, Minn	3	21		. 21	************	.0
Moorhead, Minn Bismarck, N. Dak Williston, N. Dak	7	21		.14	*************	.0
Rocky Mountain Region:	5	22	******	.11	**************	.0
Havre, Mont	9	27		. 14		.1
Helena, Mont	21	19	***************************************	- 21	*************	.2
Helena, Mont	14	22		. 14	.02	
Rapid City, S. Dak Spokane, Wash Wallawalla, Wash Baker City, Oreg.	21	18	***************************************	.14		.0
Spokane, Wash	28	13	***************************************	. 49	*************	.0
Wallawalla, Wash	37	12		. 35		.0.
Baker City, Oreg	25	8	******* *******	. 42	********	.3
** ************************************	04	7	*******************	. 23	***********	. 1
Salt Lake City, Utah	31	2	***************	. 30	***********	.0.
Lander, Wyo Cheyenne, Wyo	21	7	*****************	.14	********	.1
Cheyenne, Wyo	25	8		. 07	************	.0
North Platte, Nebr	23	16	***************************************	. 07	************	.0
Denver, Colo	31	5	***************************************	. 14	.47	**************
Pueblo, Colo	27	12	***************************************	. 10	*********	.10
Dodge City, Kans	30	11	*****************	.14	.56	*****************
Oklahoma, Okla	39	10	***************************************	. 21	2.14	*************
Amarillo, Tex	35	7	**************	. 35	.47	*************
Abilene, Tex	44	9	***************************************	. 35	. 63	
Santa Fe, N. Mex	30	4	************	. 21	******************	. 10
Bi Paso, Tex	48	1	***************************************	.14	*: **********	. 10
Phœnix, Ariz	53	2	******************************	. 26	***********	.20
Fort Canby, Wash	41	5		1.60	1.04	***************************************
Portland, Oreg	40	7		1.54	2.02	. 31
Roseburg, Oreg	41	8	***************************************	1.29	**************	1.1
Eureka, Cal	46	5		1.54		. 60
Redbluff, Cal	47	5		.95	***************************************	.5
Carson City, Nev	35	6	***************************************	.37		.3
Sacramento, Cal	49	3		.77	***************************************	.7
San Francisco, Cal	51	2	***************************************	.97	****************	.7
Fresno, Cal	49	2	****************	. 28	. 15	
		3	***************************************	. 86		. 60
Los Angeles Cal	54					
Los Angeles, Cal San Diego, Cal Yuma, Ariz	54 54	0	***************************************	.59		.50

 $a\,\mathrm{The}$ figures in these columns represent the average daily departure.

FOREIGN.

[Reports received from United States consuls through the Department of State and from other sources.]

Cholera, yellow fever, plague, and smallpox as reported to the Supervising Surgeon-General United States Marine-Hospital Service, January 1 to February 25, 1898.

	сно	LERA.		
Places.	Date.	Cases.	Deaths.	Remarks.
India:	Nov. 24-Nov. 30		4	
Bombay	Dec. 1-Jan. 11.			
Calcutta	Nov. 14-Dec. 4.	** ********	42	
	Dec. 5-Jan. 1 Jan. 2-Jan. 8.		31 13	
Madras	Nov. 20-Dec. 10.			
	Dec. 4-Dec. 31.		11	
Singapore	Jan. 1-Jan. 14. Nov. 1-Nov. 30.	** *********	27	
	YELLO	W FEVI	cr.	
Brazil:				
Bahia	Dec. 27	. 3	2	
Ceara	Dec. 29 Nov. 1-Nov. 30.	6	1	Taken off of Nor. bk. Adonis.
Para	Dec. 12-Jan. 1.		24	
-	Jan. 2-Jan. 15.		22	
Die de Teneiro	Jan 31-Feb. 12.	** *********	12	
Rio de Janeiro	Nov. 21-Dec. 4. Dec. 5-Jan. 1.	. 1	3	
	Jan. 1-Jan. 8.	. 4	1	
Santos	Jan. 2-Jan. 8.	1	1	
Cuba:	D 00 I 0			
Cienfuegos	Dec. 20-Jan. 2. Jan. 3-Jan. 23.	** *********	2	
Habana	Dec. 17-Dec. 30.	** ***********	6	
	Dec. 31-Jan. 27.		9	
	Jan. 28-Feb. 17.			
Manzanillo	Dec. 1-Dec. 31. Jan. 1-Jan. 31.			
Matanzas		** ************************************	4	
Regla	Dec. 31-Feb. 3.	** *********	7	
Sagua la Grande	Dec. 18-Jan. 20.	** *********	*********	Yellow fever prevailing, but im
Santiago de Cuba	Dec. 19-Jan. 29.		6	possible to obtain statistics.
Jamaica:	Dec. 10-0811. 20.	** *********		
Kingston	Dec. 19-Jan. 1.	1	1	
G4 4 4 4	Jan. 2-Jan. 22.	. 1	1	
St. AndrewSt. Catherine	Dec. 19-Jan. 1. Dec. 19-Jan. 1.	. 1	***********	
st. Elizabeth		1	1	
	PL	AGUE.		
China:		1		
Hongkong	Nov. 7-Nov. 20.	2	2	
	Dec. 18-Jan. 1.	2	2	
India .	Jan. 2-Jan. 8.	2	1	
India: Bombay	Nov. 24-Nov. 30.		70	
Domony	Dec. 1-Jan. 11.			
Japan:				
Taiwan (Formosa)	Dec. 28-Jan. 21.	32	********	
	SMA	LLPOX.		-
Bohemia:				
Prague	Dec. 12-Jan. 1.	11		
	Dec. 12-Jan. 1. Jan. 2-Jan. 29.	40		

Cholera, yellow fever, plague, smallpox, etc.—Continued. SMALLPOX—Continued.

Places.		Date.		Савев.	Deaths	Remarks
razil:						
ernambucoio de Janeiro	Nov	1-Dec. 21-Dec. 5-Jan. 1-Jan.	4	10	8	
anada:	Jan.	I-Jan.	0	. 5	********	
Maissonneuve Montreal	Jan.	26-Feb. 3-Jan. 11-Feb.	12	. 3	0	
nina:					**********	
longkong	Dec.	5-Jan. 2-Jan.	1	11	8 1	
ba:						
Cardenas Cienfuegos	Dec.	19-Jan. 20-Jan. 3-Jan.	2	************	7	
	Feb.	7-Feb.	13		14	
Habana Matanzas	Jec.	17-Feb. 20-Feb.	17	*********	61	
agua la Grande	Dec.	19-Jan. 30-Feb.	29	233	6 29 15	
rland : verpool	Jan.	15-Jan.	29	3	****	
	Feb.	1-Feb.	10	1	*********	
outhamptonunderland	Jan. Dec.	8-Jan. 18-Jan.	13	1	***********	
est Hartlepool	Jan.	9-Jan.	22	5	**********	
raltar	Dec.	6-Dec. 27-Jan.	12	1	*********	
ia:				1	**********	
deutta		19-Dec.	25		1	
dras	Dec.	27-Dec. 4-Dec.	3	*********	1 3	
	Jan.					
: ssina	Dec.	12-Jan. 30-Feb.	8	********	5	
an:				***************************************		
ichi Kenkita Ken	Dec.	28-Jan. 28-Jan.	21	2	**********	
womori Ken	Dec.	28-Jan. 28-Jan.	21	2	1	
hiba Ken	Dec.	28-Jan.	21	3		
ukui Kenukushima Ken	Dec.	28-Jan. 28-Jan.	21	1 8	2	
rati Ken	Dec.	28-Jan.	21	8	2	
anagawa Ken	Dec.	28-Jan.	21	3		
ochi Keniyagi Ken	Dec.	28-Jan. 17-Dec.	27	1 2	3	
	Dec.	28-Jan.	21	9		
saka Fu	Dec.	28-Jan. 17-Dec.	21	1		
okyo Fu	Dec.	28-Jan.	21	1 2	***********	
ehime Ken	Dec.	17-Dec.	27	2	1	
ne Hokkaido		17-Dec. 28-Jan.	27	70 106	26 32	
herlands:					04	
sterdamtterdam	Dec.	12-Dec. 12-Dec.	24	1 3	***************************************	
		1-Jan.		1	1	
ia : scow						
75CO W	Dec. Jan.	23-Dec. 5-Dec. 1-Jan.	11	1 8	1 1 3	
lessa	Dec.	5-Jan.	1	53	9	
Petershurg	Jan.	2-Jan.		34	7	
Petersburg	Dec. Jan.	4-Dec. 9-Jan.	20	35 42	13 15	
arsaw		19-Jan.			32	
and : asgow	Dec.	5-Dec.	25	3	1	
runna	Jan.	1-Jan.		*********	1	
adridkey:		22-Dec.			1	
onstantinople					27	
Iontevideo	Dec.	25-Jan.	1	1	********	
ardiff	-	18-Dec.		1	1	

CANADA.

Smallpox in Quebec.

MONTREAL, February 16, 1898.

The present status of smallpox in this Province is as follows:

Municipality.	County.	Population.	Date of out- break.	New cases since last report.	Total cases since outbreak.	Died.	Recovered.	Still sick.	Houses infected since outbreak.	Houses still in- fected.
Montreal City	Hochelaga	240,000 6,000 8,000 2,500	July 2 July 26 Aug. 27 Jan. 26	a1 0 0	26 5 1 3	14	11 4 1	1 0 0 2	18 2 1 1	60 0 0

a In one of the families who were quarantined for intercourse with the Maisonneuve case previous to its diagnosis.

Except the isolation hospital.

Yours, respectfully,

ELZÉAR PELLETIER,

Secretary Board of Health of the Province of Quebec.

CUBA.

Smallpox and yellow fever in Cuban seaports.

February 16: The United States consul at Cardenas reports that during the week ended February 12, there was in that city no death from yellow fever and no death from smallpox.

February 14: The United States consul at Cienfuegos reports that during the week ended February 13, there were in that city no deaths from yellow fever and 14 deaths from smallpox.

February 18: The United States sanitary inspector at Habana reports that during the week ended February 17 there were in that city 1 death from yellow fever and 12 deaths from smallpox.

February 6: The United States consul at Manzanillo reports that during the two weeks ended January 31 there were in that city 4 deaths from yellow fever and no deaths from smallpox.

February 11: The United States consul at Matanzas reports that during the two weeks ended February 9 there were in that city 4 deaths from smallpox and no deaths from yellow fever.

February 18: The United States sanitary inspector at Habana reports that during the week ended February 17 there was in the city of Regla no death from yellow fever and no death from smallpox.

February 14: The United States consul at Sagua la Grande reports that during the week ended February 12 there were in that city 80 cases of smallpox and 15 deaths therefrom, and several cases of yellow fever, concerning which it is impossible to obtain correct statistics.

February 12: The United States consul at Santiago de Cuba reports that during the week ended February 12 there were in that city no deaths from yellow fever and no deaths from smallpox.

Sanitary report from Habana.

HABANA, February 18, 1898.

SIR: I have the honor to submit the following report for the week ended Thursday, February 17, 1898, with a table showing the mortality for that period in the city of Habana and town of Regla. The mortality of the week shows a marked decrease, compared with previous weeks:

But one death occurred from yellow fever, and that one in a military hospital. Smallpox has attacked the patients in several of the civil hospitals, where pauper patients are cared for. The two hospitals known as the Mercedes and Quinta del Rey are badly infected.

There is evidently an outbreak in the institution known as Aldecoa,

which many of the reconcentrados are housed.

But few deaths have occurred among the portion of the pauper classes until recently, and unless effective measures not often adopted here are taken, a high death rate from the disease will follow, as these people possess but little vitality.

Deaths from intestinal diseases are decreasing somewhat, and there is evidently a larger and better supply of food here now than at any time

during the past six months.

The disaster to the U. S. S. Maine occurring in this harbor Tuesday night, which caused so many serious injuries and deaths to her erew, made it necessary to offer our services to Captain Sigsbee, the commanding officer, as soon as possible. I instructed assistant sanitary inspector D. E. Dudley to report to Surgeon Heneberger, of the Maine, for duty, and finally, at the request of Captain Sigsbee, I instructed him to proceed to Key West on the steamship Olivette to care for the injured men sent on that vessel.

I have offered our services and the use of the naphtha launch Gamma for any future emergency and it was used to-day to convey 10 of the injured men from San Ambrosio Hospital to the light-house tender

Mangrove. This vessel also proceeded to Key West.

In this connection I would state that no mattresses, bed clothes, or clothing of any description from this hospital were allowed to go on either vessel, and I would further add that in the removal of any more men from this hospital that they be sent to Dry Tortugas instead of to Key West. San Ambrosio is an antiquated stone structure situated within 100 yards of the Tallapiedra Wharf; it has been used for years as a military hospital, and in my opinion is badly infected with yellow fever, and it would be most imprudent to allow nonimmune patients from there to proceed direct to any port in the United States at any season of the year.

Very respectfully, W. F. BRUNNER, Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL, U. S. Marine-Hospital Service.

Note.—Request has been made, through the Surgeon-General of the Navy, that Surgeon Hennenberger, attached to the *Maine*, confer with Sanitary Inspector Brunner with regard to all precautions necessary to be taken to prevent the conveyance of epidemic diseases to the United States, particularly to southern ports, through the medium of wounded or other persons leaving Habana for the United States. Instructions

have been sent to Captain Sigsbee of the Maine that if any more wounded are to be sent away from Habana they shall go to Tortugas.

[Inclosure No. 1.]

Mortality of the city of Habana and town of Regla for the week ended Thursday, February 17, 1898.

Cause of death.	Habana.	Regla.	Total.
Yellow fever	1		1
Enteric fever	13	***************************************	18
Pernicious fever	8	*********	8
Malarial fever	14	5	19
Smallpox	12	**************	12
Enteritis	60	9	69
Dysentery	44	99	66
Diarrhea	5	3	8
Caquexia paludica	10	1	11
Pneumonia	7	**********	7
Tuberculosis	58	6	61
Meningitis	6	1	7
Deaths from all causes	331	59	390
Deaths in military hospitals	84	42	126
Deaths in military hospitals from yellow fever	1	0	1
Annual ratio per 1,000			101, 40

[Inclosure No. 2.]

Number of persons applying for passenger certificates.

	Granted.	Refused.
Florida : Key West	21 48 19	*******
Total	102	

Sanitary report from Santiago.

SANTIAGO DE CUBA, February 12, 1898.

SIR: I have the honor of submitting the following report on the sanitary condition of Santiago de Cuba for the week ended February 12:

Ninety-three deaths have been reported, 5 more than last week. Of these 4 were from tuberculosis, 7 from dysentery, 6 from enteritis, 3 from typho malaria, 10 from pernicious and 8 from remittent fevers, 27 from anæmia and dropsy; the rest from noncontagious or noninfectious diseases.

No cases of yellow fever have been reported and no deaths from it have taken place for the last two weeks. Malarial fevers of all kinds prevail epidemically, but we expect to subdue the epidemic with the quinine sent from the United States, and by enforcing strict hygienic measures, such as perfect cleanliness of the streets and burning all the refuse matter from houses, stables, etc.

Respectfully, Dr. H. S. CAMINERO, Sanitary Inspector, U. S. M. H. S.

The SUPERVISING SURGEON-GENERAL, U. S. Marine-Hospital Service.

HAITI.

Contradiction of report of yellow fever at Cape Haitien.

[Report No. 36.]

UNITED STATES CONSULATE, CAPE HAITIEN, February 2, 1898.

SIR: I have the honor to acknowledge the receipt of your dispatch, dated January 22, last, with initials G. T. V., and beg to reply, with regard to the cable dispatch of the United States Legation at Port au Prince, published in the Public Health Reports of November 12, page 1239, that as no report of any yellow fever case did emanate from this consulate, it is to be supposed that such a report came from some outside source, for which there was not the least foundation, as I can certify that no case whatever of yellow fever has occurred in this port, nor in the surrounding country since my arrival here in April last, and I beg you to rest assured that if any case of yellow fever had occurred I should have reported it at once to your Bureau.

I have the honor to be, sir, your obedient servant,

LEONARD C. H. SCHLEMM,

United States Consul.

The Supervising Surgeon General, U. S. Marine-Hospital Service.

JAMAICA.

Résumé of yellow fever in Jamaica, July to December, 1897.

DEPARTMENT OF STATE.

Washington, January 27, 1898.

SIR: I have the honor, by direction of the Secretary of State, to inclose for the * * * information of the Marine-Hospital Service a copy of a dispatch from the consul at Kingston, Jamaica, containing a history of the yellow fever epidemic in Jamaica.

Respectfully, yours,

ALVEY A. ADEE, Second Assistant Secretary.

Hon. SECRETAY OF THE TREASURY.

[Inclosure.]

CONSULATE OF THE UNITED STATES, Kingston, Jamaica, January 18, 1898.

SIR: I have the honor to report that upon Thursday, 13th instant, I gave to this port a clean bill of health, in the language following:

The malignant types of fever have died out, there being no case since the 1st of January. The port is ordinarily healthful.

On the 14th instant I advised the colonial secretary of my action, stating that I did not feel warranted in using the broad expression that the health of the port is good, owing to the present condition of many of the streets and lanes in Kingston.

owing to the present condition of many of the streets and lanes in Kingston. * * * The Surgeon-General of the Marine-Hospital Service expressed to me a desire that I should investigate the origin of the disease. Latterly, since my return, and when the knowledge of the disease had become publicly known, the regular superintending medical officer having assumed charge of his department, I have been furnished with detailed information which, prior thereto, it was impossible for me to obtain. I inclose herewith several tabulated statements. In No. 1 will be found a summarized abstract of the weekly reports to me by the island medical department. The total of cases in Kingston hospital shown by these reports for the six months from July to December,

inclusive, is 35, and deaths 18. In Table No. 2, which is an abstract of the monthly reports of deaths in Kingston made to me by the Registrar-General, the number of deaths during the same period from yellow fever is found to be 36, or just double that

shown by the weekly reports.

On December 30 the colonial secretary furnished to me a statement of the cases that occurred on the island to December 18, not including the last two weeks of the above period of six months. From this statement, included in Table No. 3, it is seen that there were 104 cases and 40 deaths, of which 20 cases and 11 deaths were among the troops, leaving 84 cases and 29 deaths as against the 35 cases and 18 deaths reported in the weekly returns, the deaths (29) still showing less than the number (36) for the full period of six months reported by the Registrar.

On December 31 the superintending medical officer furnished to me a detailed statement of the cases in hospital to December 4. These are included in Table No. 4, and the period, lacking three weeks of the full six months, shows 35 cases and 18 deaths, the number shown by the weekly returns for the full period. At the same time he furnished me a statement (No. 5) of the cases among the troops, being the first authentic information I had of the extent of the fever among the troops, and showing 28 cases and 16 deaths, instead of 20 cases and 11 deaths reported by the colonial secretary.

The history of the 2 sailors who were first taken ill is briefly as follows:

Frederick Pick. First visit to Jamaica. Arrived at Montego Bay about June 9, in steamship Annersley. Was taken on the boat at Tampico-date unknown. Tramped from Montego Bay to Kingston and slept every night at the Sailors' Home from June 21 to July 9. Sent to hospital with yellow fever July 10.

Charles Hoffman. First visit to Jamaica. Left New York in steamship Alene June 4; arrived at Kingston June 10. Slept regularly at the Sailors' Home. Admitted to hospital on the fifth day of illness, July 13.

This will indicate that they did not bring the disease to the island, but contracted it in locality above indicated, and from them it is probable the infection spread.

I have the honor to be, sir, your obedient servant,

LOUIS A. DENT, U. S. Consul.

Hon. ASSISTANT SECRETARY OF STATE.

JAPAN.

Report on dysentery for year 1897.

YOKOHAMA, January 27, 1898.

SIR: I have the honor to forward herewith a translation of the preliminary report of the Japanese bureau of sanitary affairs upon the epidemic of dysentery of 1897. It is noticeable that the total number of cases and rate of mortality are in close agreement with the statistics of the same disease for 1896.

I am, sir, very respectfully, your obedient servant,

STUART ELDRIDGE, M. D., Sanitary Inspector, U. S. M. H. S.

The Supervising Surgeon-General, U. S. Marine-Hospital Service.

[Inclosure.]

Locality,	Dyse	entery.		Dysentery.			
Locality.	Cases.	Deaths.	Locality.	Cases.	Deaths		
Kioto Fu	832	211	Nagano Ken	5, 316	1, 234		
Osaka Fu	1, 141	181	Nagasaki Ken	569	100		
Tokyo Fu	7,029	1, 248	Nara Ken	148	44		
Aichi Ken	2,588	574	Niigata Ken		1,794		
Akita Ken	73	17	Oita Ken	587	144		
Awomori Ken	1,490	248	Okayama Ken		487		
Chiba Ken	3, 148	847	Okinawa Ken	4			
Fukui Ken	513	210	Saga Ken	131	54		
Fukuoka Ken	926	165	Saitama Ken	1, 492	1, 298		
Fukushima Ken	534	83	Shidzuoka Ken		1,74		
Gifu Ken	1, 207	333	Shiga Ken		140		
Gumma Ken	5, 717	1, 266	Shimane Ken	1,642	517		
Hiogo Ken	670	163	Tochigi Ken		356		
Hiroshima Ken	1,878	678	Tokushima Ken	862	274		
Ibaraki Ken	1, 286	367	Tottori Ken	845	200		
Ishikawa Ken	247	84	Toyama Ken		3:		
Iwate Ken	1, 136	242	Wakayama Ken	364	80		
Kagawa Ken	1,959	655	Yamagata Ken	191	54		
Kagoshima Ken	1, 189	242	Yamaguchi Ken	1,609	43		
Kanagawa Ken	6, 377	1,365	Yamanashi Ken		2,071		
Kochi Ken	526	105	Yehime Ken		46		
Kumamoto Ken	1,349	236	The Hokkaido		14		
Miyagi Ken Miyazaki Ken	1,062	286 93	Taiwan (Formosa)		**********		
Miye Ken	770	180	Totals	89, 846	22, 520		

Preliminary report of occurrence of epidemic dysentery in Japan during the year 1897.

a No report.

STATISTICAL REPORTS.

Bahamas—Dunmore Town.—Two weeks ended February 11, 1898. Estimated population, 1,472. Total deaths, 2. No deaths from contagious diseases.

Governors Harbor.—Two weeks ended February 12, 1898. Estimated population, 1,500. One death. No death from contagious disease.

Green Turtle Cay—Abaco.—Two weeks ended February 10, 1898. Estimated population, 3,900. No deaths.

BERMUDA.—Week ended February 5, 1898. Estimated population, 15,013. One death. No death from contagious disease.

CUBA—Manzanillo.—Two weeks ended January 31, 1898. Estimated population, 20,000. Total deaths, 118, including 4 from yellow fever.

GREAT BRITAIN—England and Wales.—The deaths registered in 33 great towns in England and Wales during the week ended February 5 correspond to an annual rate of 19.2 a thousand of the aggregate population, which is estimated at 11,218,378. The highest rate was recorded in Plymouth, viz, 23.7, and the lowest in Bolton, viz, 11.1.

London.—One thousand eight hundred and sixty one deaths were registered during the week, including measles, 80; scarlet fever, 12; diphtheria, 42; whooping cough, 64; enteric fever, 8, and diarrhea and dysentery, 17. The deaths from all causes correspond to an annual rate of 21.5 a thousand. In greater London 2,361 deaths were registered, corresponding to an annual rate of 19.2 a thousand of the population. In the "outer ring" the deaths included 15 from diphtheria, 8 from measles, 3 from scarlet fever, and 17 from whooping cough.

Ireland.—The average annual death rate represented by the deaths registered during the week ended February 5 in the 23 principal town districts of Ireland was 26.3 a thousand of the population. The lowest rate was recorded in Clonmel, viz, 4.9, and the highest in Carrickfergus, viz, 46.7 a thousand. In Dublin and suburbs 220 deaths were registered, including enteric fever, 7; scarlet fever, 2, and whooping cough, 3.

Scotland.—The deaths registered in 8 principal towns during the week ended February 5 correspond to an annual rate of 18.0 a thousand of the population, which is estimated at 1,568,536. The lowest mortality was recorded in Leith, viz, 15.0, and the highest in Glasgow, viz, 18.7 a thousand. The aggregate number of deaths registered from all causes was 543, including measles, 8; scarlet fever, 6; diphtheria, 8, and whooping cough, 21.

GUIANA (DUTCH)—Paramaribo.—Month of November, 1897. Estimated population, 30,535. Total deaths, 82. Deaths from contagious diseases not reported.

Month of December, 1897. Total deaths, 79. Deaths from contagious diseases not reported.

St. Helena.—Four weeks ended January 15, 1898. Estimated population, 3,600. Total deaths, 5. No deaths from contagious diseases.

MORTALITY TABLE, FOREIGN CITIES.

I

St.

Sa: Sel Sh So:

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Vei Vie Wa Zur

		pula	from .	Deaths from—										
Cities.	Week ended.	Estimated popula-	Total deaths f	Cholera.	Yellow fever.	Smallpox.	Typhus fever.	Enteric fever.	Scarlet fever.	Diphtheria.	Measles.	Whooping		
cupulco Feb. 5		7,000									1			
Amherstburg	Jan. 29 Feb. 12 Feb. 19 Feb. 5	127, 069 2, 300 2, 300 503, 045	51 0 0 158									••		
Belfast	Jan. 29	304, 610	*****					. 11		. 1	1			
Belize	Feb 11	304, 610 13, 000	156	*****					*****		3			
Belleville	Feb. 7	10, 399	3											
Berlin	Jan. 22	10, 399 1, 728, 201	556	*****		******								
Birmingham	Pob 8	505, 772	205	*****		*****				3	9			
Bluefields	do	3,000	0						1					
Bradford	Feb 5	230, 260	77	****		*****			*****					
Bremen.	Jan. 29	230, 260 143, 500	64 49			*****				****	. 3	- 1		
Bristol	Feb. 5	316, 900	117	*****	*****		1			2		1 5		
Brussels Calcutta	Jan. 29 Jan. 8	531, 014	192	10	*****		*****	_	*****		****	1		
Cardenas	Jan. 8 Feb. 12	681, 560 28, 517	427 55	13	*****		1	24	*****	1	****			
Jardiff	Jan. 8	177,770	43	*****					1	1	2	1		
Do	Jan. 15 Jan. 22	177, 770	43	100000	*****			*****		4	2			
Do	Jan. 29	177, 770	46 47		*****			******		5	2	1		
Do	Feb. 5	23, 517 177, 770 177, 770 177, 770 177, 770 177, 770 120, 000	62		*****					7	3	1		
atania hemnitz	Feb. 3 Jan. 29	120,000	56		*****	*****								
ienfuegos	Feb. 13	172, 840 24, 030	73 89		*****		2				*****			
ologne	Jan. 29	340, 883	132		*****	7.8				4	6	1		
openhagen	do	340, 883	102							1		. 1		
Do	Dec. 4 Dec. 11	86, 250 86, 250	27 42	*****	*****	*****		*****	*****		*****			
Do	Dec. 18	86, 250	44	******		*****	*****	*****	*****	*****	*****	*****		
Do	Dec. 25	86, 250	37		*****		*****	*****	*****					
resden	Jan. 1 Jan. 15	86, 250	82 111	*****		*****	*****	*****	*****					
Do	Jan. 22	377, 500 377, 500	123		*****	******	*****	*****	******	1	3	3		
Do	Jan. 30	350,000	194	*****	*****			6	3	î		4		
usseldorf	Feb. 5 Jan. 29	350,000	220 53	*****	*****	*****			2			3		
dinburgh	do	191, 605 295, 6 28	90	******				*****	3	2	1	5		
Do lushing.	Feb. 5	295, 628	102			*****	*****	1	2	2	******	1 2		
rankfort on the Main	do	17, 193	60			*****			*****	*****	*****	*****		
unchal	Jan. 30	244,000 35,660	25	******	*****	******	******	*****	******	******	*****	*****		
hentibraltar	Feb. 5	161, 125	75	*****								1		
irgenti	Jan. 30 Jan. 22	25, 900	10									*****		
Do	Jan. 29	24, 428 24, 428	13			******	*****	*****	******	*****	*****	*****		
lasgow	do	724, 349	251					2	1	1	6	18		
Douayaquil	Feb. 5 Feb. 4	724, 349	260 26			*****		2	4	5	7	15		
MIHAX	Feb. 12	50, 000 38, 700								*****	*****	*****		
amburg	Feb. 5	661, 015	209			*****	- 1			5	1	3		
Do	Feb. 22 Feb. 29	119, 470					*****	1		*****	*****	*****		
ongkong	Jan. 1	119, 470 261, 258					*****	2	1	*****	*****	*****		
	Jan. 8	261, 258	a 89				*****				*****			
	Jan. 22 Jan. 29	30,000	12				*****				*****			
ingston, Canada	Feb. 18	30,000 19,000	19						*****	1	*****			
eeds	Eab E	416, 618	147						5	5	4	11		
eith	Jan. 29	104, 053						- 1		******		*****		
D0	Feb. 5	76, 277 76, 277							*****	1	*****			
	Yes 00	20,000	10		*****	*****	2	1			*****	*****		
iverpool	do	166, 110						1	7		2	*****		
DO	Feb. 10	647, 489 647, 489						1	6	3 4	1	8 9		
ivingston	Feb. 5	2,000	1 .				*****	*****						
DO	Jan. 29 Feb. 5	40,000	10 .				****	1				*****		
Do	U-0100	40,000	8 .		*****		*****	****		1 1				

a Two cases and I death from plague.

MORTALITY TABLE, FOREIGN CITIES-Continued.

	Week ended.		from from				1	Deat	hs fr	rom-	-		
Cittes.			Estimated population.	Total deaths f	Cholera.	Yellow fever.	Smallpox.	Typhusfever.	Entericfever.	Scarlet fever.	Diphtheria.	Measles.	Whooping
London, England	Jan	29	6, 408, 321	2, 291					16	20	51	95	10
Madrid	Feb.	2	487, 169	306		*****					5	5	10
Magdeburg	Jan.	8	221, 774	87						1	2		
Mahchester	Jan.	29	221, 774 541, 296	185					2	1	1	3	
Do	Feb.	5	541, 296	174					3	4	*****	2	
Mannheim	Jan.	29	101,500	45		*****			1	1	1		
Matamoras	Feb.	11	16, 304	6	*****	*****		*****	*****	*****			
Matanzas	Jan.	26	50,000	125	*****		1	*****	4	*** ***	*****		
Do	Feb.	2	50,000	137	*****			*****			*****	*****	
Do	Feb.	9	50,000	171	*****		4	*****	3	*****	*****		
Mayence	Jan.	29	76, 984	32	*****	*****		*****	*****		*****	2	
Do	Feb.	5	76, 984	34	*****						*****	5	
Melbourne	Dec.	18	450,000		*****	*****	*****	*****	3	*****	1		
Do	Dec.	25	450,000	******						*****	3	*****	****
Do	Jan.	1	450,000	******		*****		*****	4		1		
Do	Jan.	8	450,000	******	*****	*****		*****		*****	2	*****	
Messina	Feb.	5	107,000 215,061	37				*****		1	1		
Montevideo	Jan.	8	215,061	**********	*****				1		*****		***
Moscow	Jan.	29	1,000,000	486	*****	*****	1	*****	*****	12	19	2	
Munich	Jan.	22	430,000	185		*****				1	10	3	
Do	Jan.	29	430,000	193		*****				1	4	2	
Naples	Feb.	5	570,000	354		*****				*****	*****		***
Newcastle-on-Tyne	Jan.	29	212, 223	74			*****		1	*****	1	2	
Do	Feb.	5	212, 223	66		*****			*****	2	*****		***
Nuremberg	Jan.	22	183, 397	74	*****					1	******		***
Palermo	Jan.	29	383,000	153		*****	2	*****	2	1	1	6	***
Do	Jan.	22	273,000	112				*****		***-	*****	****	
	Jan.	29	273,000	109		*****					3	*****	***
Paris Plymouth	Jan.	23	2,511,955	1,058		*****				1	3	6	
Prague	Feb. Jan.	5 29	97,658	45 118		*****				2	1		
Port au Prince	Jan.	10	195, 919 60, 000	31		*****					1	3	***
Do	Jan.	17	60,000	29							*****	*****	***
Do	Jan.	24	60,000	21						******			
Do	Feb.	1	60,000	18	*****	*****	*****	*****	*****	*****	*****	*****	***
Puerto Cortez	Feb.	9	2,000	0				******	*****	*****	*****	*****	***
Quebec		12	72,000					*****	*****	*****	2		
Kotterdam	Feb.	5	298, 432	114						*****		1	
Sagua la Grande	d	0	17,536	107	******	*****	10			*****			***
Do	Feb.	12	17,536	84	******	******	5						***
St. Georges	Feb.	5	2, 150	0	*****	*****				*****			
st. Stephens	Feb.	12	3,000	0	*****	******	*****	******		*****		*****	0.00
Do		19	3,000	0	*****	*****	*****		*****	*****	*****	*****	***
San Juan del Norte	Feb.		1, 156	0	.0045	*****	*****		*****	*****	*****	*****	1188
Schiedam		0	26, 854	9		******		*****	*****	*****	******	******	***
Sheffield		0	356, 770	118		*****			2	2		4	***
Sonneberg	Jan.	22	12, 400	3			*****	*****					
Do	Jan.	29	12, 400	4						*****		*****	***
Southampton	Feb.		100, 886	33		*****		*****		*****			
South Shields,	Jan.	29	98, 922	35		**** *						*****	
Do	Feb.	5	98, 922	35							*****		
Stettin		0	150,000	74	*****		*****	****	*****	2	1	2	***
stockholm	Feb.	1	274,611	84	*****			*****	4	1	6		
Stuttgart	Feb.	3	162, 934	71		*****	****			*****			
Sunderland	Jan.	29	143, 849	43		*****						5	
Do	Feb.	5	143, 849	42		*****					1	2	
regucigalpa	Jan.	29	12,000	4		*****					*****	*****	***
Frapani	Jan.	22	45, 095	16						*****			***
Do	Jan.	29	45, 095	17		*****						*****	***
Frieste		0	165,000	100		*****				2	3	*****	
Tuxpan Venice	Len	0	10, 280	89		*****			*****	*****	******	*****	***
Do		8	166, 069 166, 069		*****	*****	****			*****	1	*****	***
Vera Cruz	Jan.	29 10	30,000	113 26	*****		*****	*****	*****	*****	*****	*****	***
Vienna	Jan.	15	1, 574, 129	610		*****		*****	1	5	15	****	
Warsaw	Jan.	29	601, 408	010	*****	*****	7	*****		7	3	2	***
Zurich	Jan.	22	158, 968	63	*****	****		1	-		2	2	
	of the and			90		*****	*****						100
Do	Jan	29	158, 968	72		*****		2			. 1	5	***

By authority of the Secretary of the Treasury:

Walter Wyman, Supervising Surgeon-General U. S. Marine-Hospital Service.